

100221-0622001

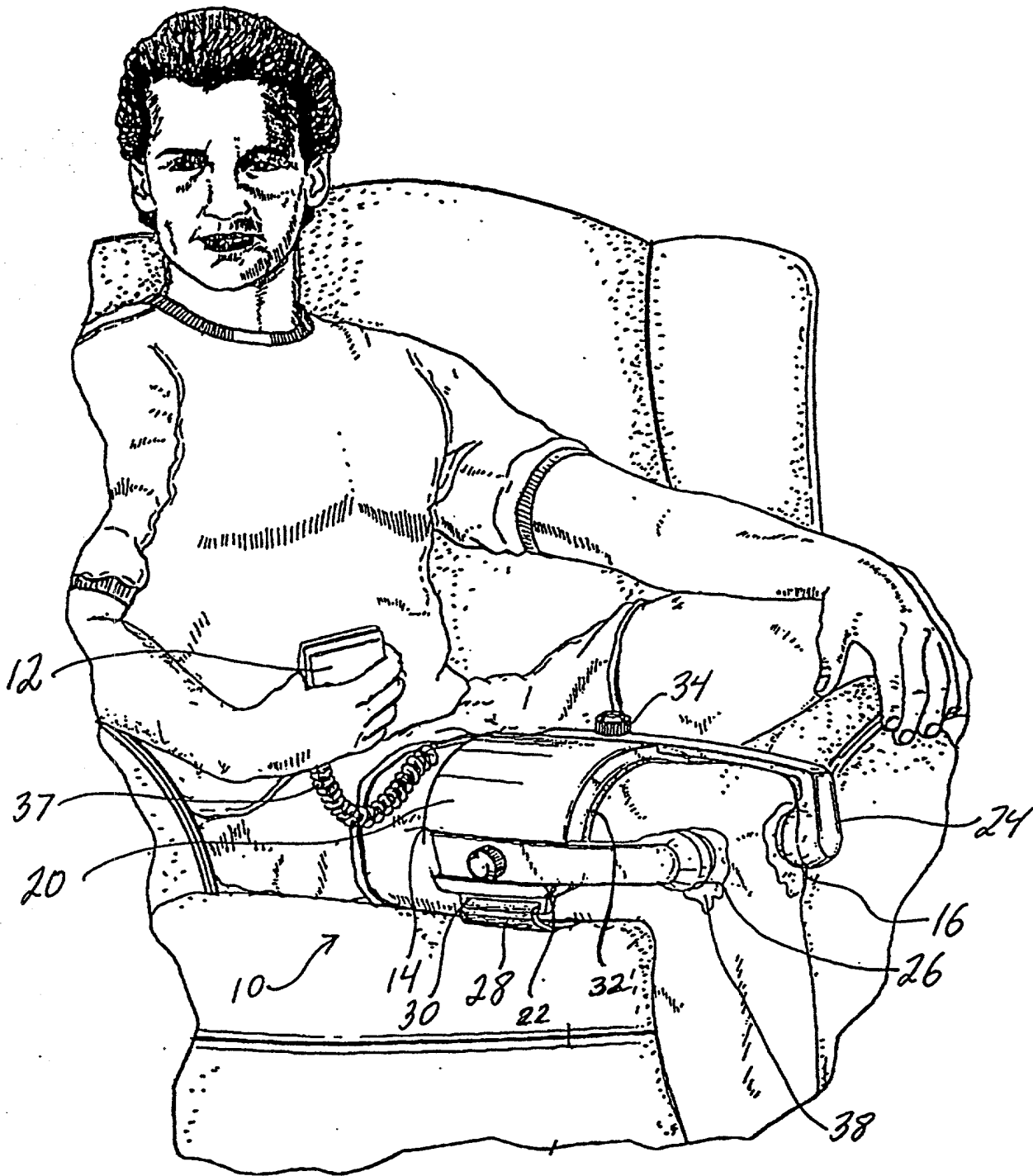
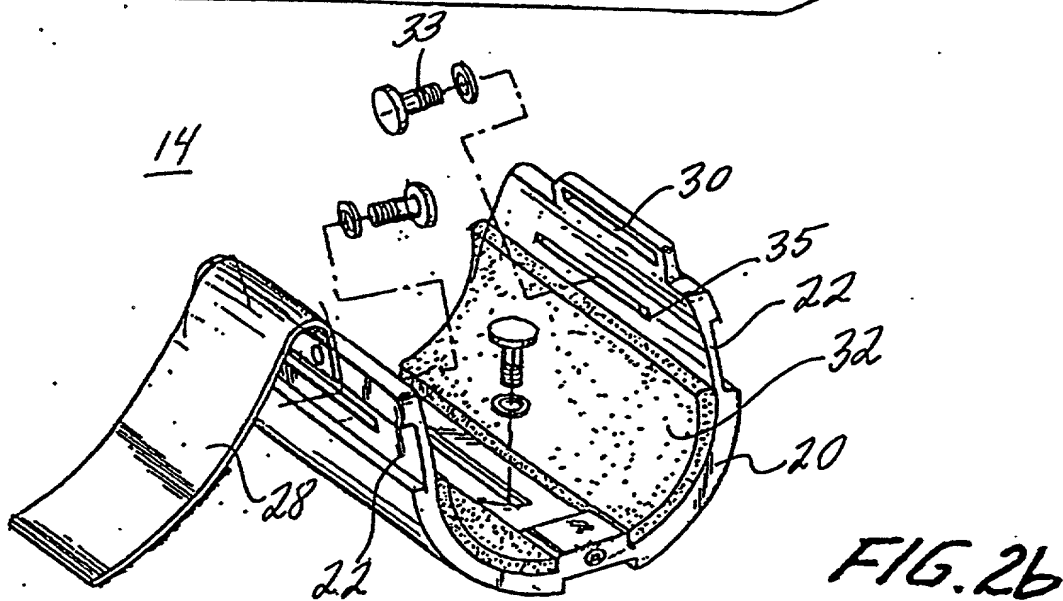
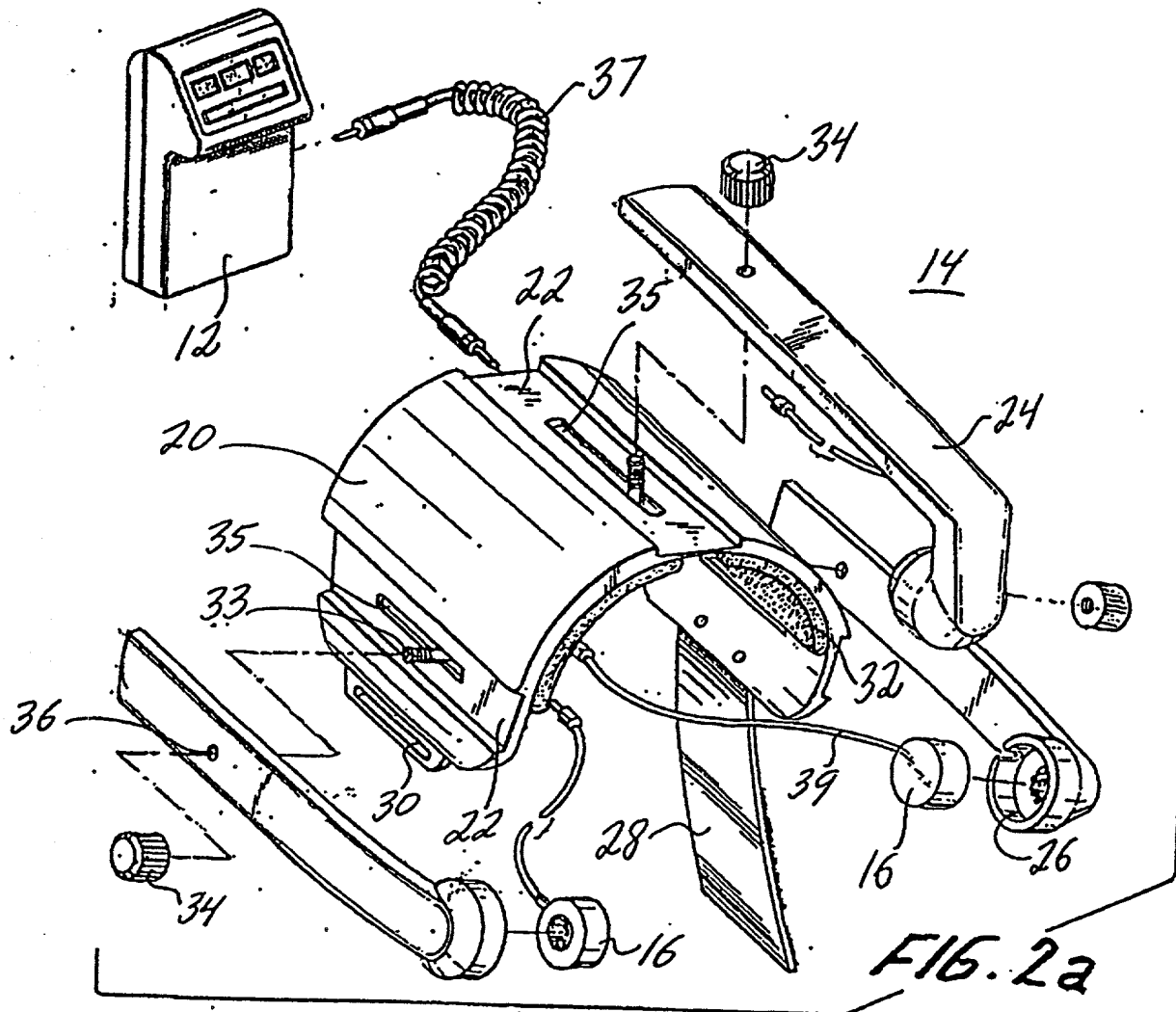


FIG. 1



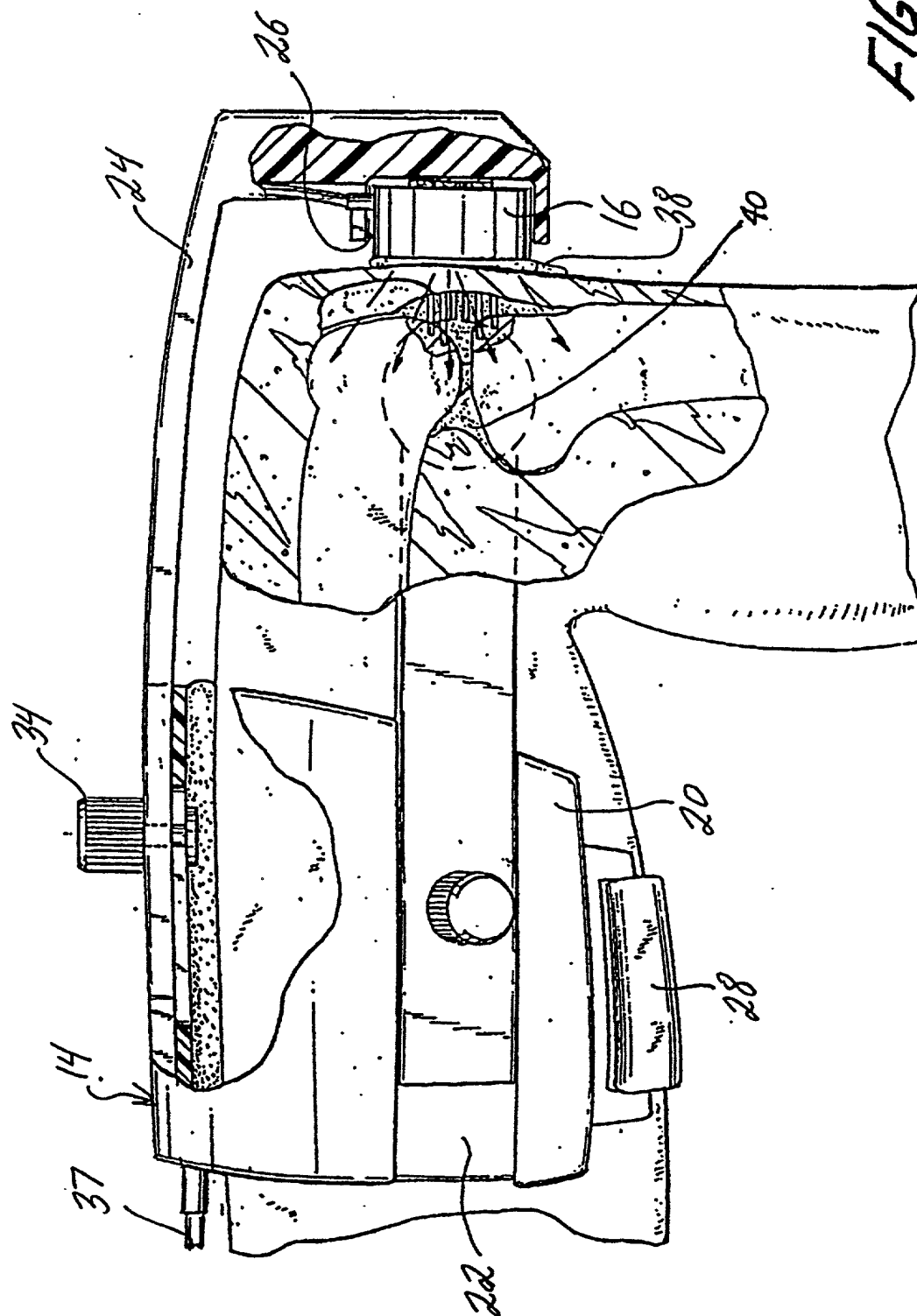


FIG. 3

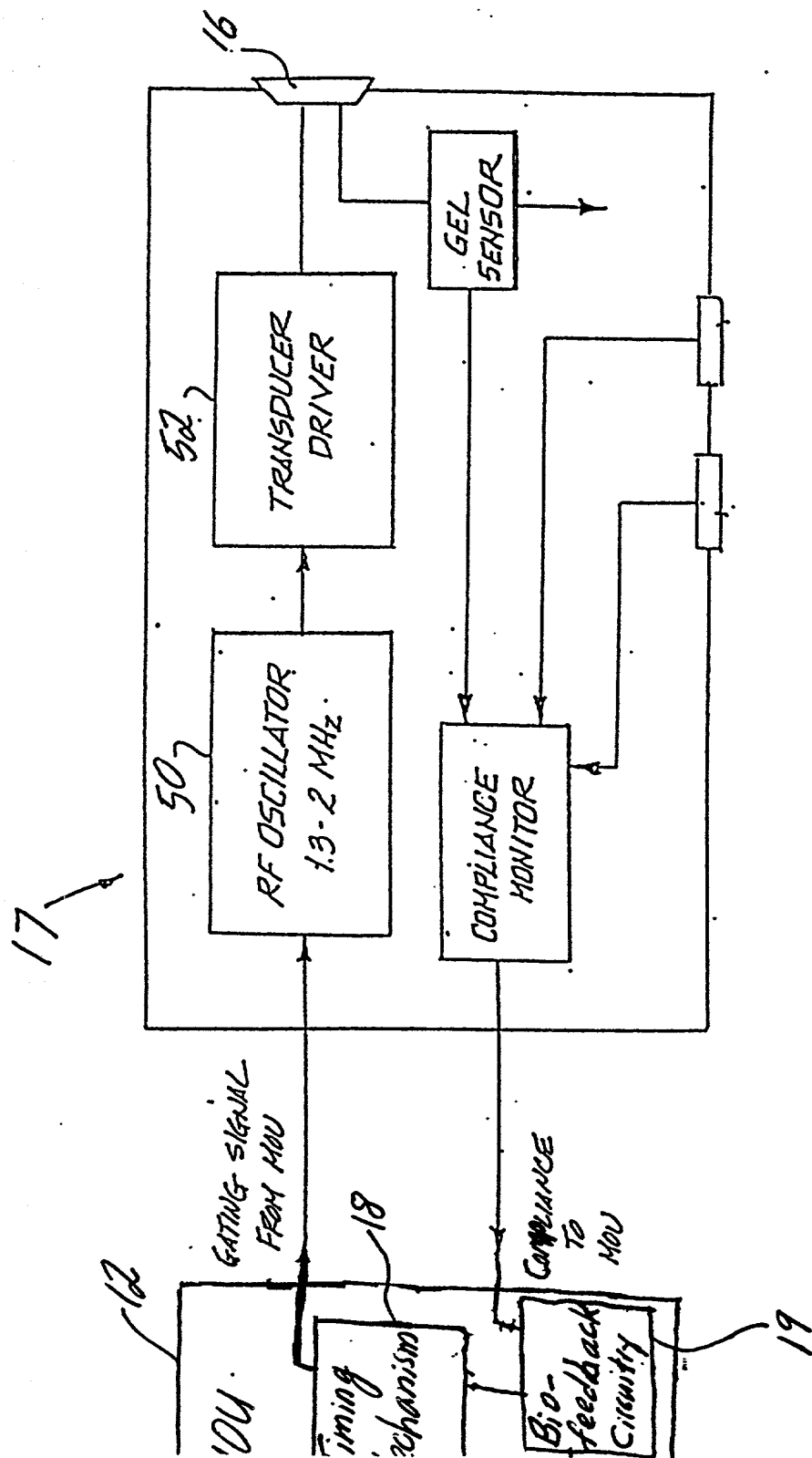


FIG. 4A

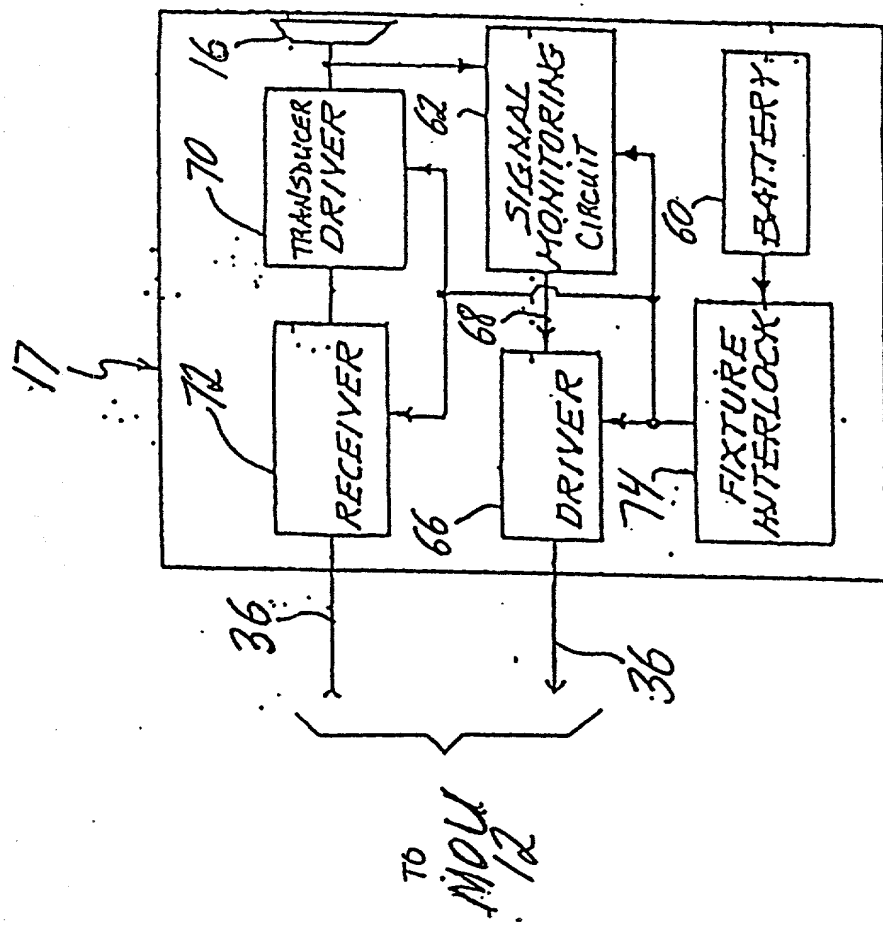


FIG. 4B

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FIG. 5

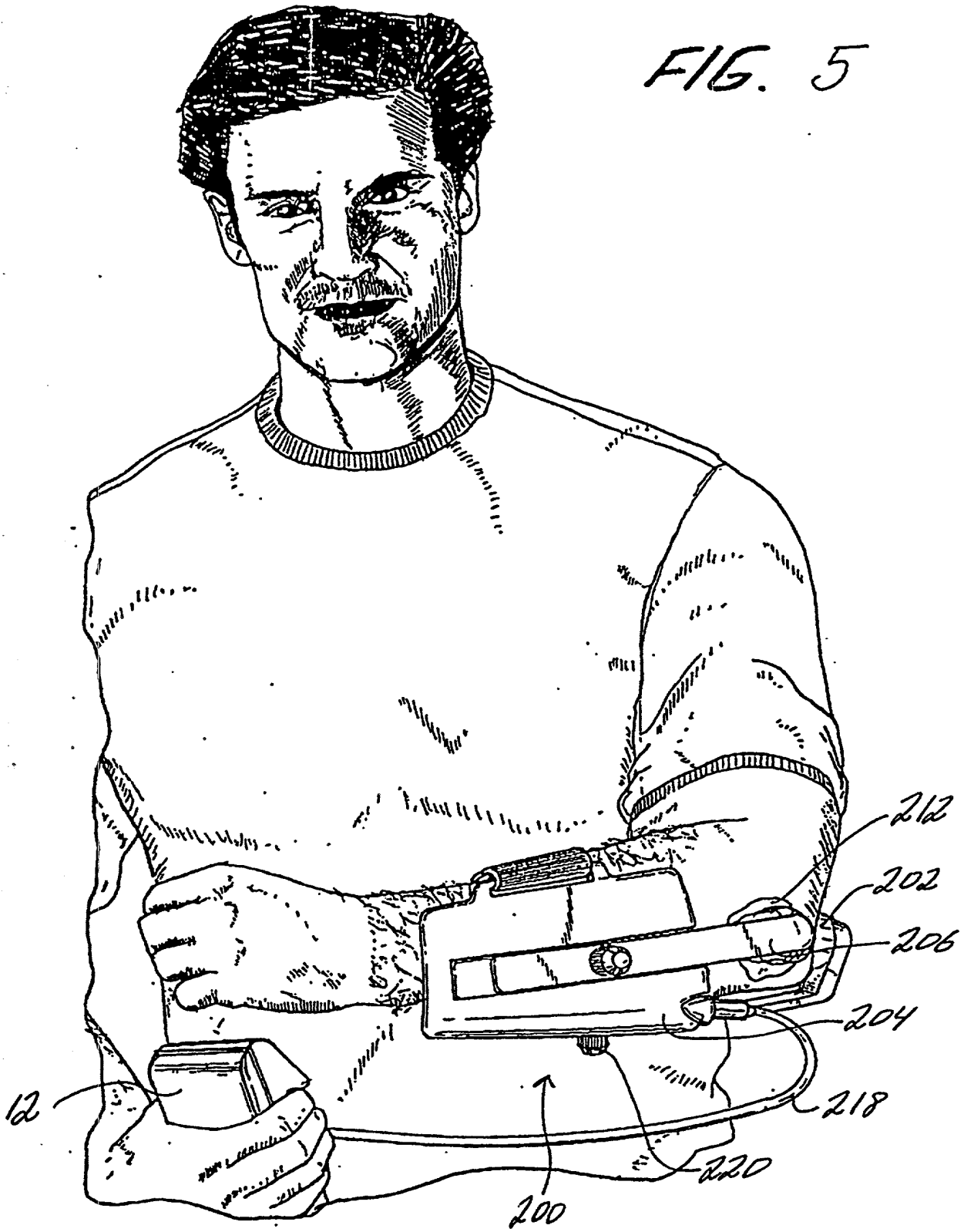


FIG. 6

FIG. 6

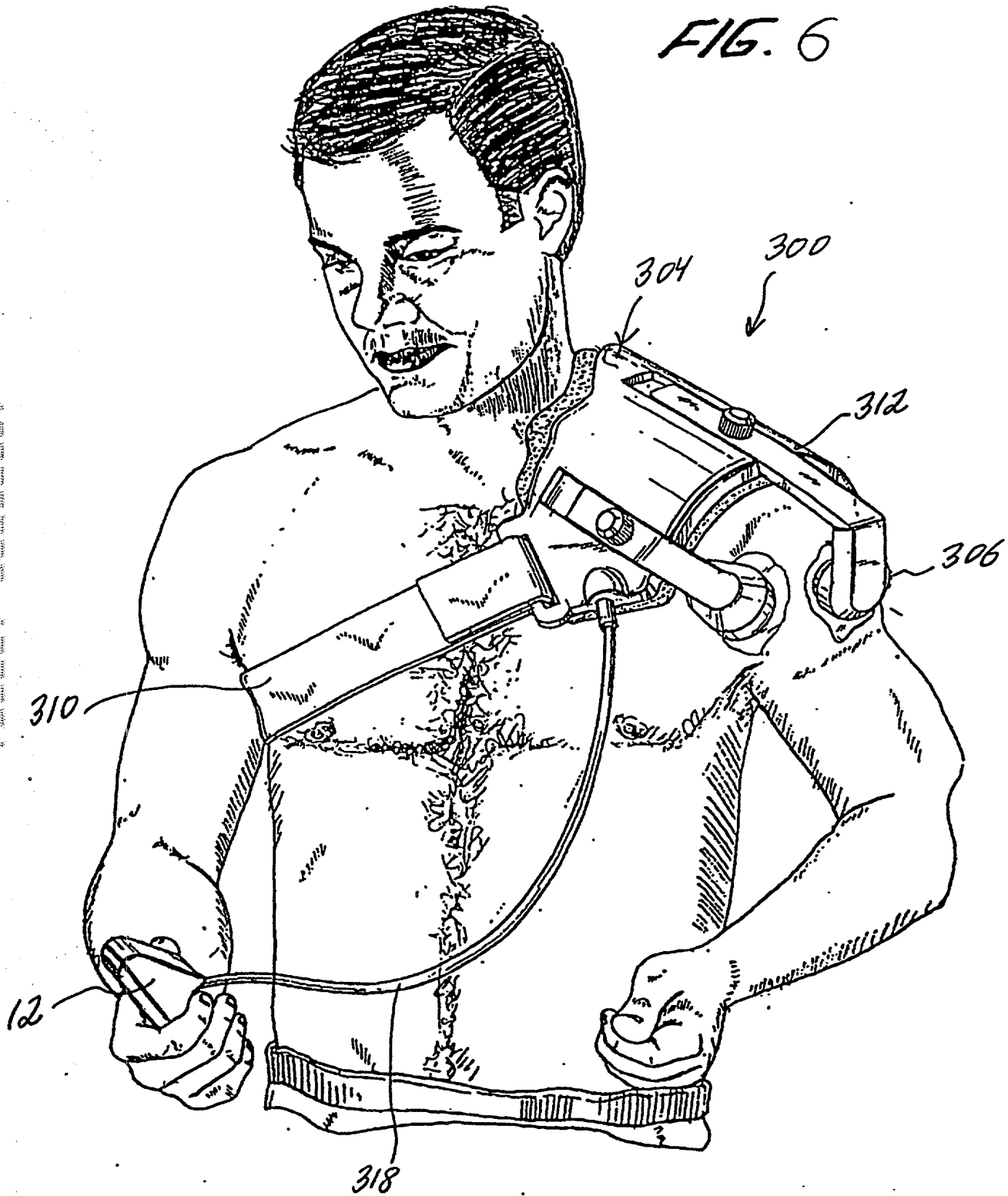
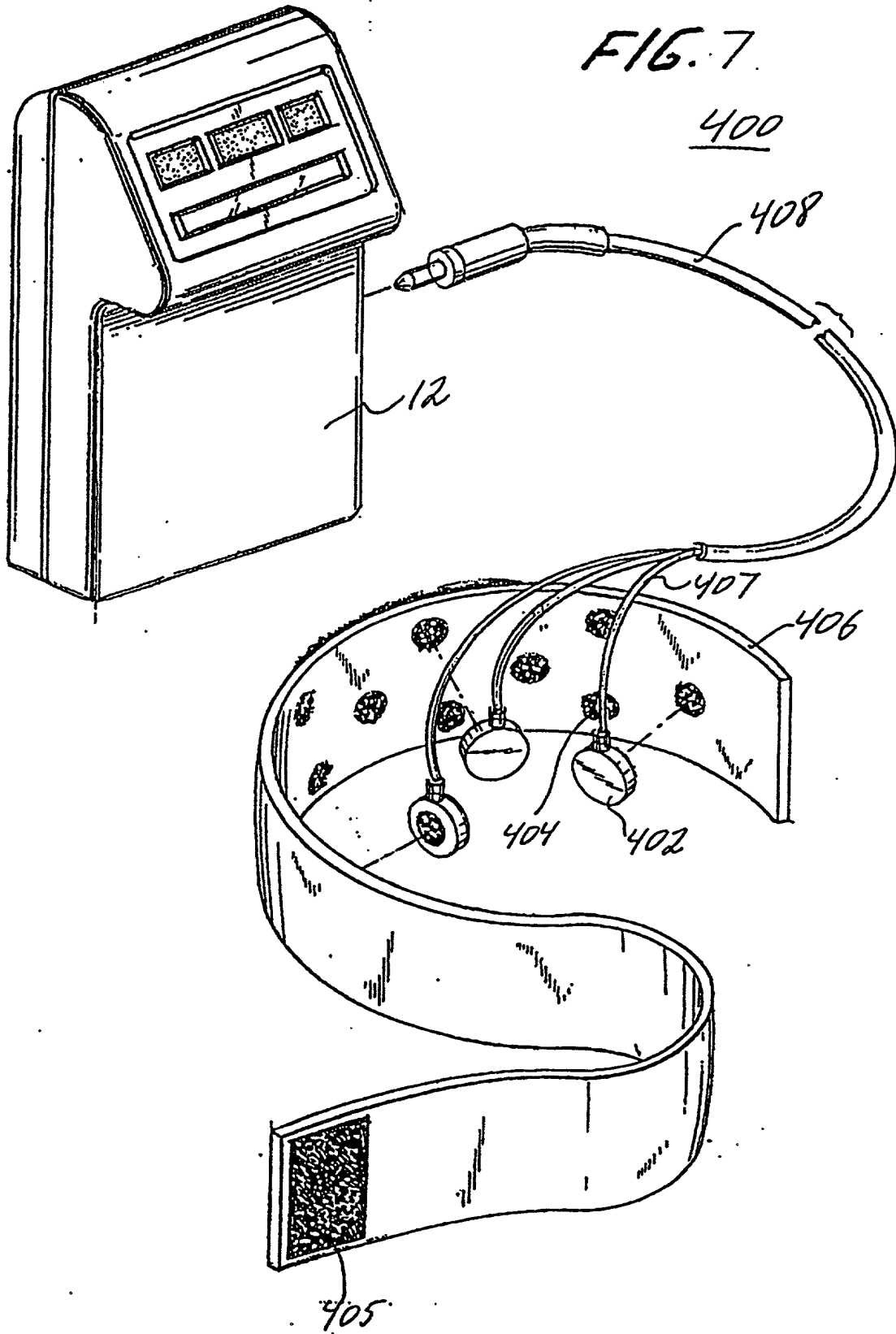
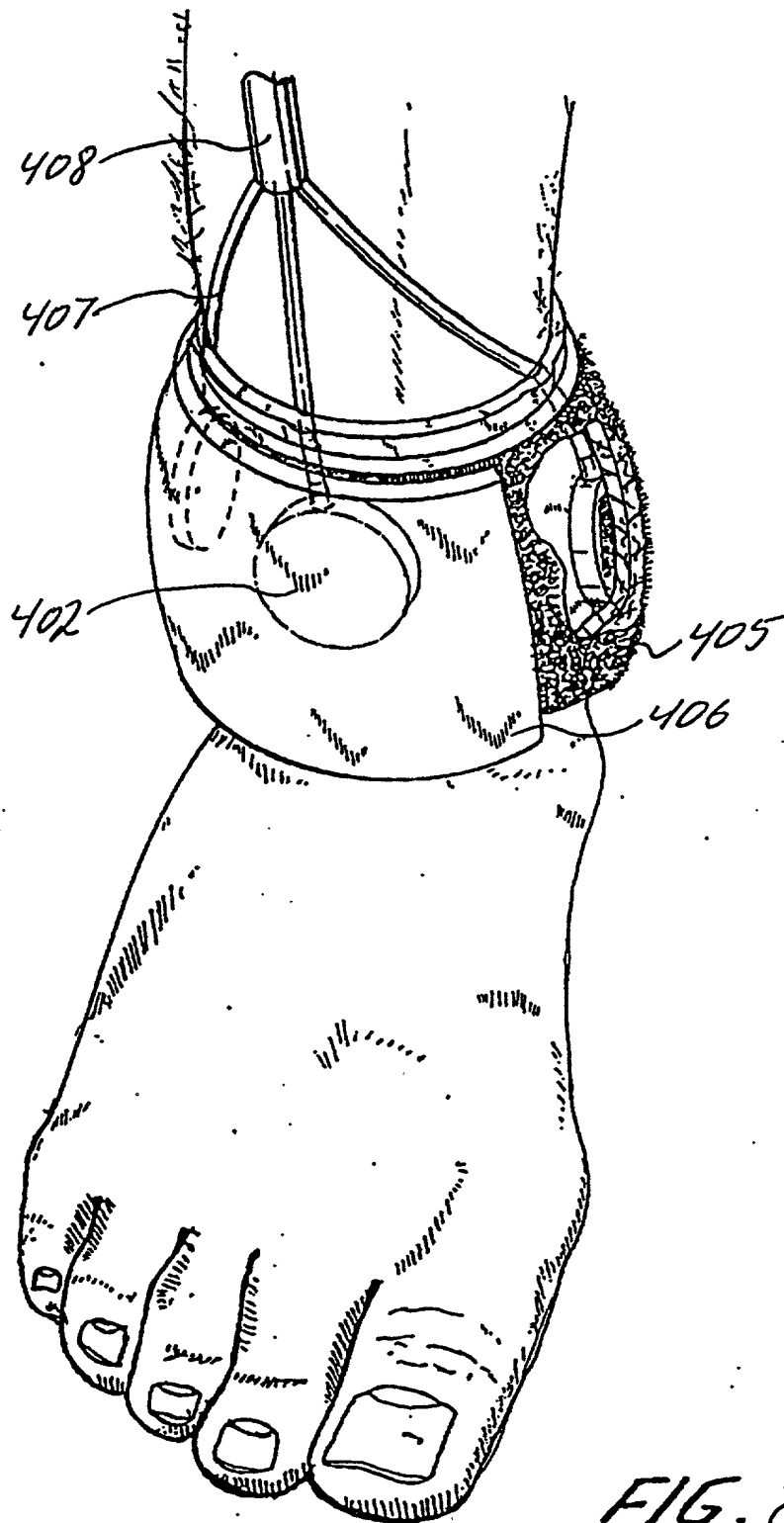


FIG. 7.





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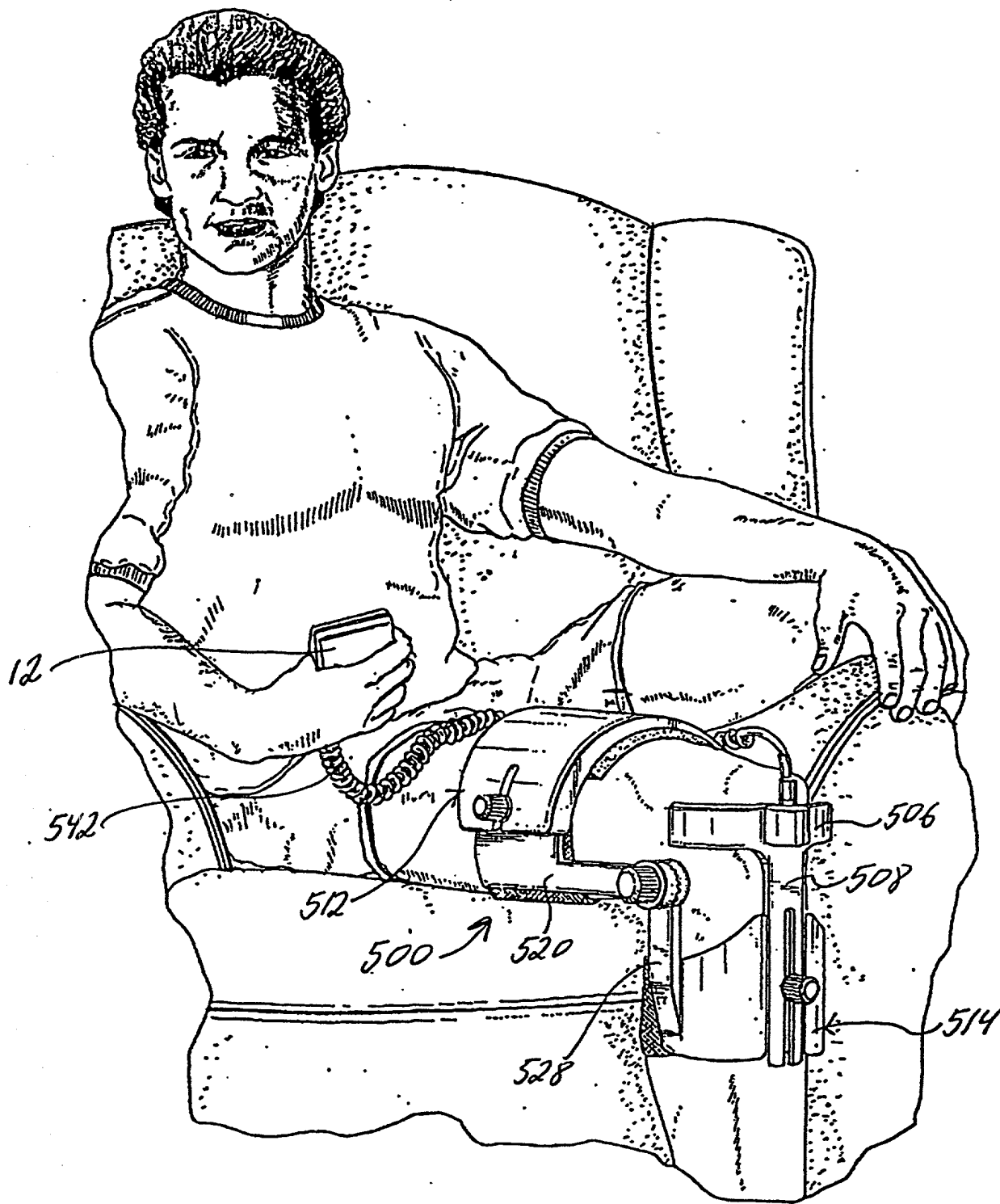
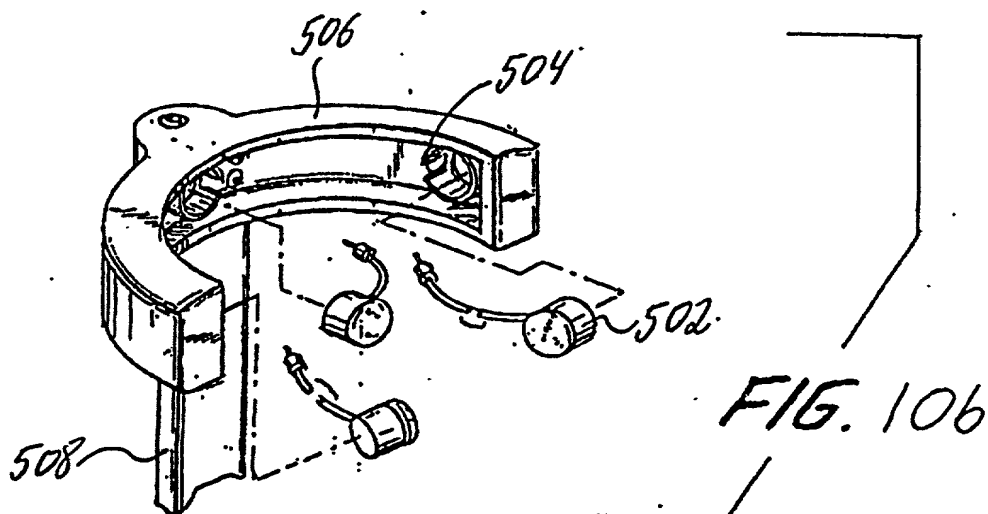
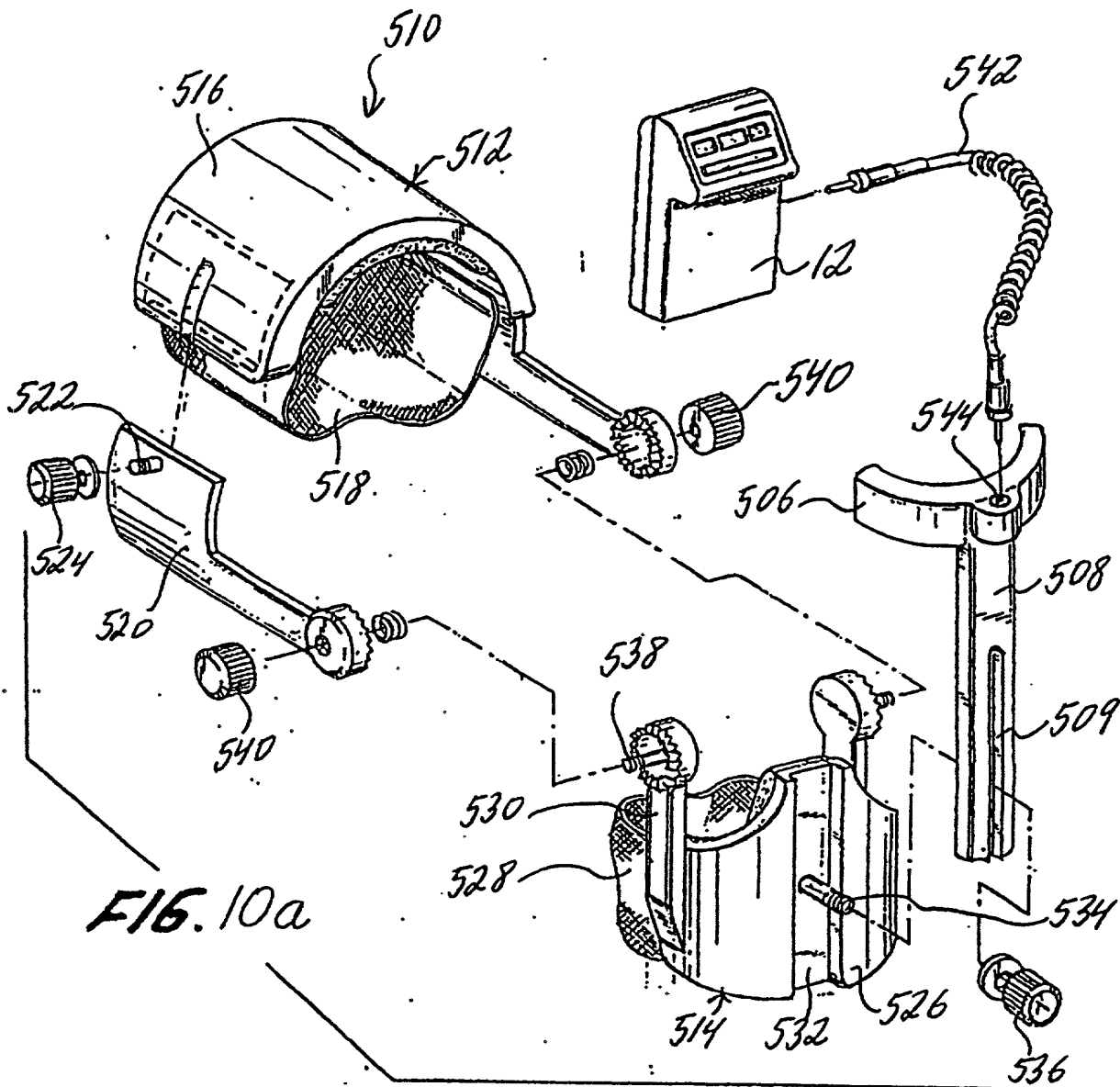


FIG. 9



FOUO 05292007

A

STIMULATING A RECONSTRUCTIVE  
HEALING RESPONSE AT THE  
OSTEOCHONDRAL INJURY SITE BY  
MECHANICALLY DRILLING, LASER  
DRILLING, ADMINISTERING  
CHEMICAL OR BIOCHEMICAL  
TREATMENTS, SCRAPING, ETC.

B

IRRADIATING THE  
OSTEOCHONDRAL INJURY SITE  
WITH ULTRASONIC WAVES FOR A  
TIME SUFFICIENT TO ACCELERATE  
THE HEALING RESPONSE

C

*Automatically terminating  
irradiation after a  
predetermined period of  
time*

FIG. 11A

STIMULATING A RECONSTRUCTIVE  
HEALING RESPONSE AT THE  
OSTEOCHONDRAL INJURY SITE BY  
MECHANICALLY DRILLING, LASER  
DRILLING, ADMINISTERING  
CHEMICAL OR BIOCHEMICAL  
TREATMENTS, SCRAPING, ETC.

IRRADIATING THE  
OSTEOCHONDRAL INJURY SITE  
WITH ULTRASONIC WAVES FOR A  
TIME SUFFICIENT TO ACCELERATE  
THE HEALING RESPONSE

*Monitoring the condition  
of the treatment site  
and regulating the  
signal characteristics  
of the ultrasonic waves  
accordingly*

*Automatically terminating  
irradiation after a  
predetermined period of  
time*

B1

FIG. 11B

A

STIMULATING A RECONSTRUCTIVE  
HEALING RESPONSE AT THE  
OSTEOCHONDRAL INJURY SITE BY  
MECHANICALLY DRILLING, LASER  
DRILLING, ADMINISTERING  
CHEMICAL OR BIOCHEMICAL  
TREATMENTS, SCRAPING, ETC.

3

IRRADIATING THE  
OSTEOCHONDRAL INJURY SITE  
WITH ULTRASONIC WAVES FOR A  
TIME SUFFICIENT TO ACCELERATE  
THE HEALING RESPONSE

*Changing at least one  
signal characteristic  
of the ultrasonic  
waves*

*B1*

*Automatically terminating  
irradiation after a  
predetermined period of  
time*

*FIG. 11C*

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FIG. 12a

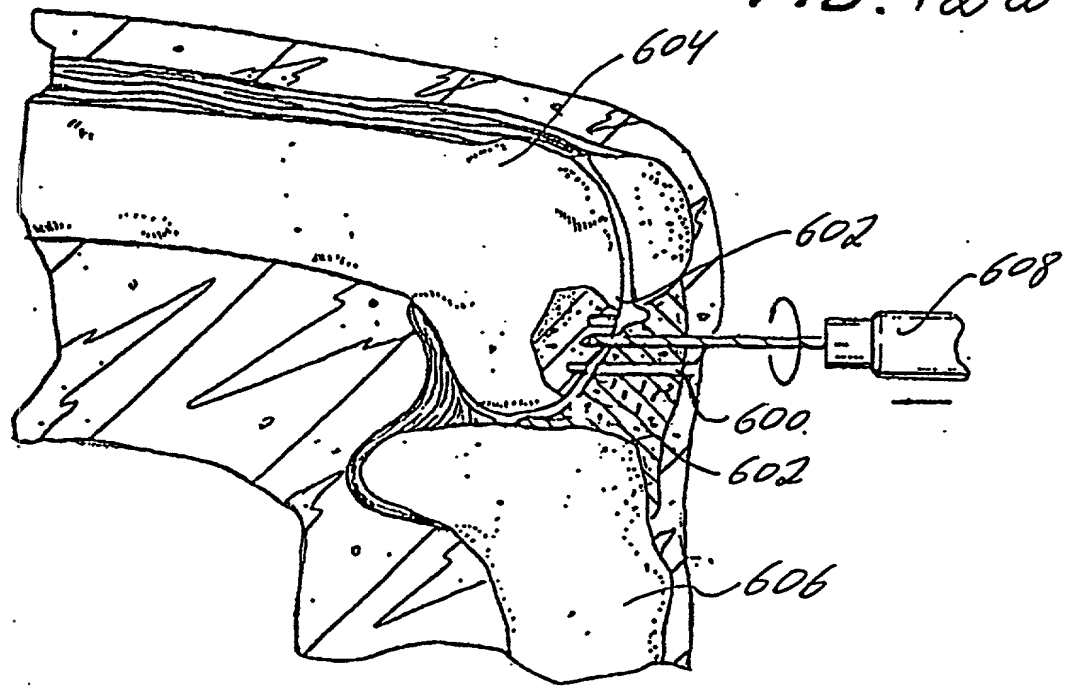
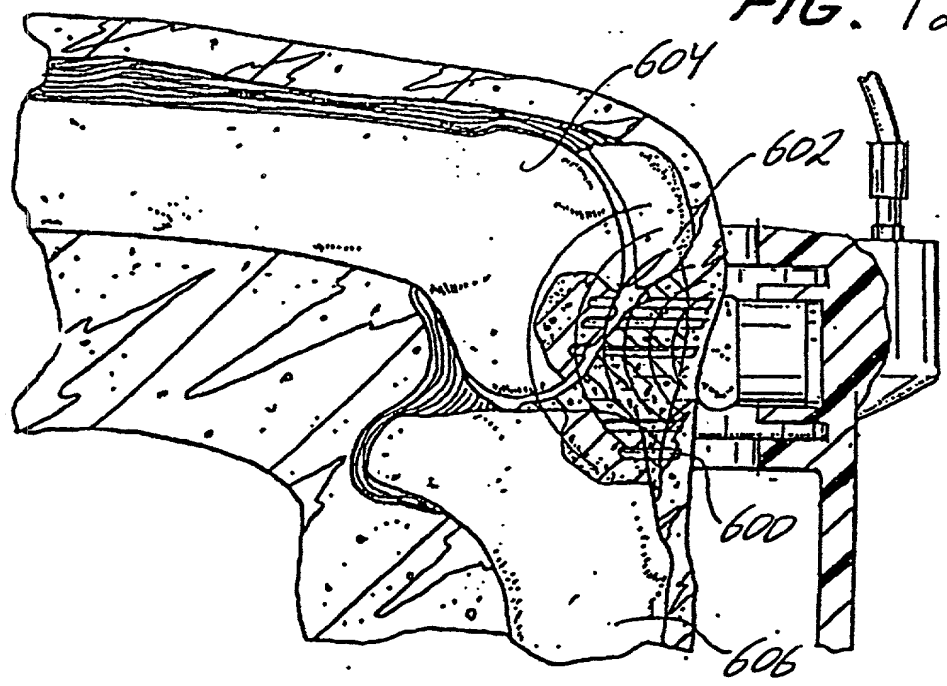


FIG. 12b



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FIG.13A



FIG.13B



FIG.13C





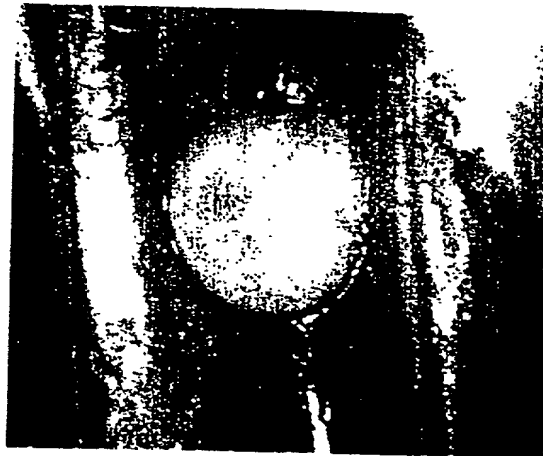
100221-06292001

FIG.14A



A

FIG.14C



B

FIG.14B



FIG.14D

10026290-122001

FIG.15A



FIG.15C



FIG.15B



FIG.15D

10026290.122001

FIG.16A

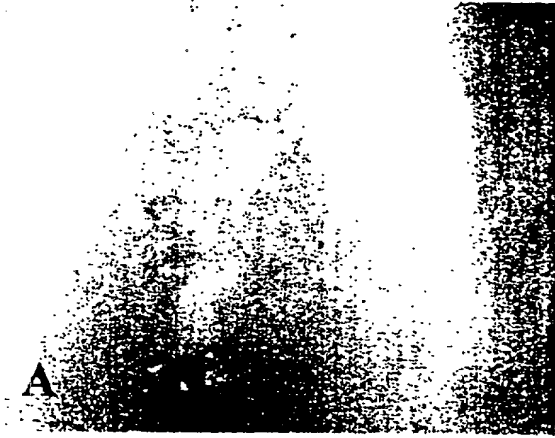


FIG.16C



FIG.16B



FIG.16D

FOOT 062920T

FIG.17A



FOO22T 0625200F

FIG.17B



FOUO 06292001

FIG.17C



FOUO 06292007

FIG.17D



FOUZZY-0629200T

FIG.18A





FOUZZY" 06292007

FIG.18B



FIG.18C



FIG.18D



FOO22T 0629200T

FIG.19A



100221" 06292001

FIG.19C

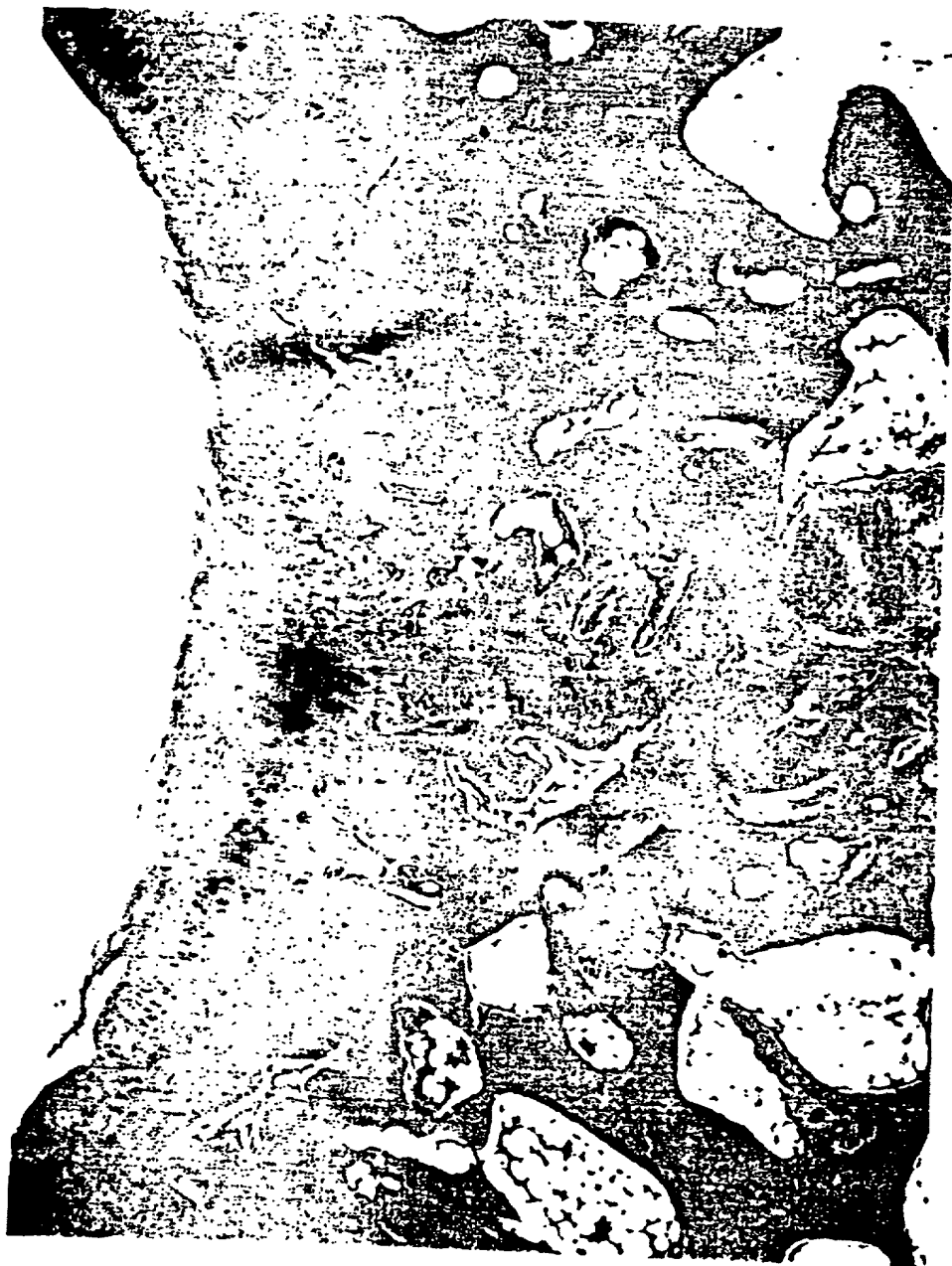


FIG. 19D



10026290:122001

FIG.13A



FIG.13B



FIG.13C



10026290-122001

FIG.14A



FIG.14C



FIG.14B



FIG.14D



FOOTPRINT 0625200F

FIG.15A



FIG.15C



FIG.15B



FIG.15D

FIG.16A

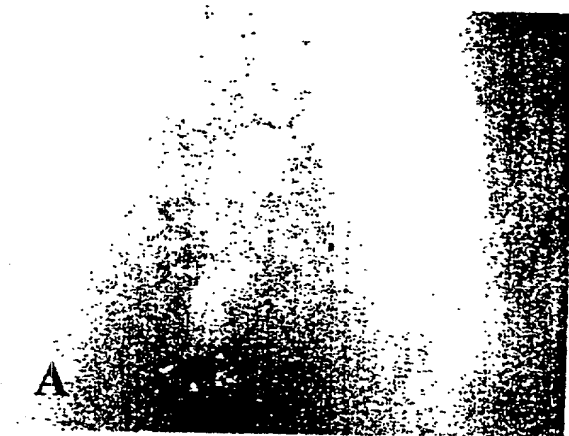


FIG.16C



FIG.16B



FIG.16D

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10026290.122001

FOUO 0629200F

FIG.17A



FOO22T" 0629200T

FIG.17B



FIG.17C



FIG.17D



100221 0629200F

FIG.18A



FIG.18B





T0022T" 0625200T

FIG.18C



FIG.18D

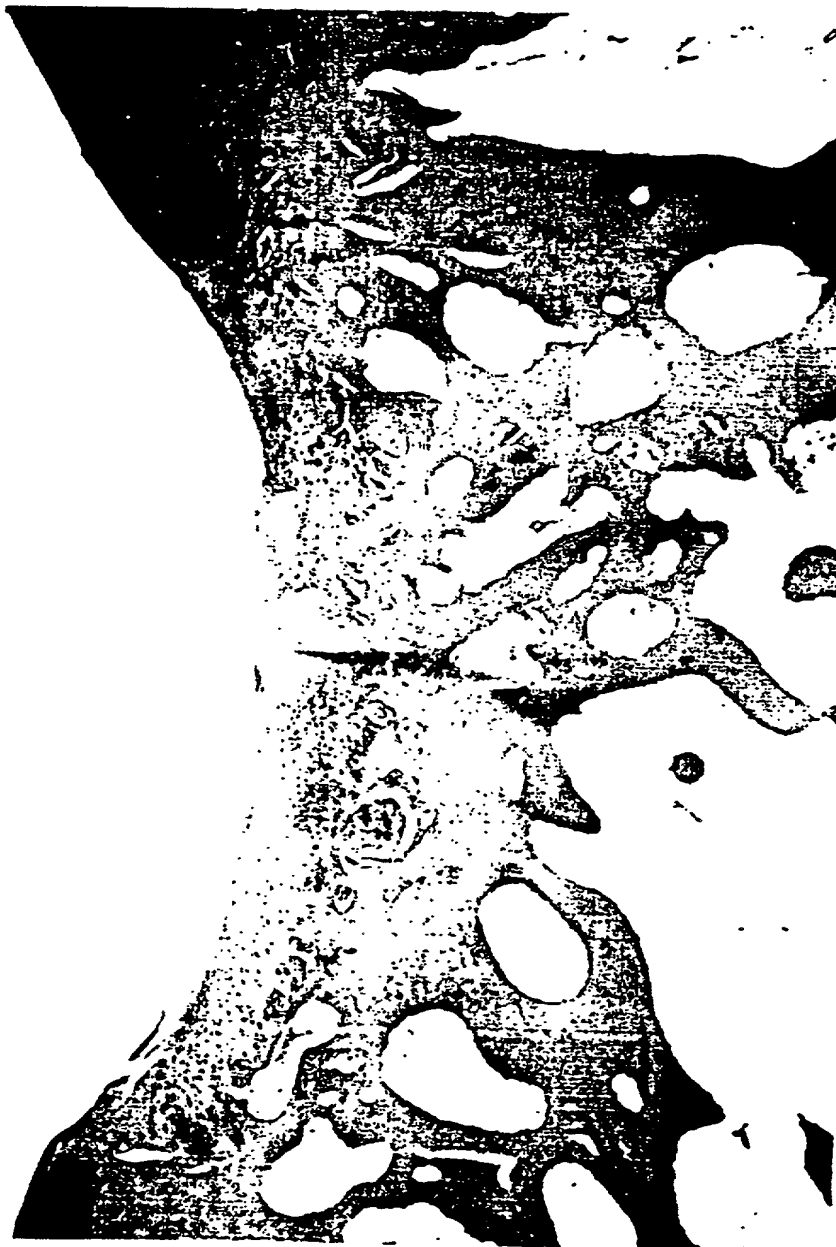


FOUO 06252001

FIG. 19A



FIG.19B



FOUO 06292001

FIG.19C

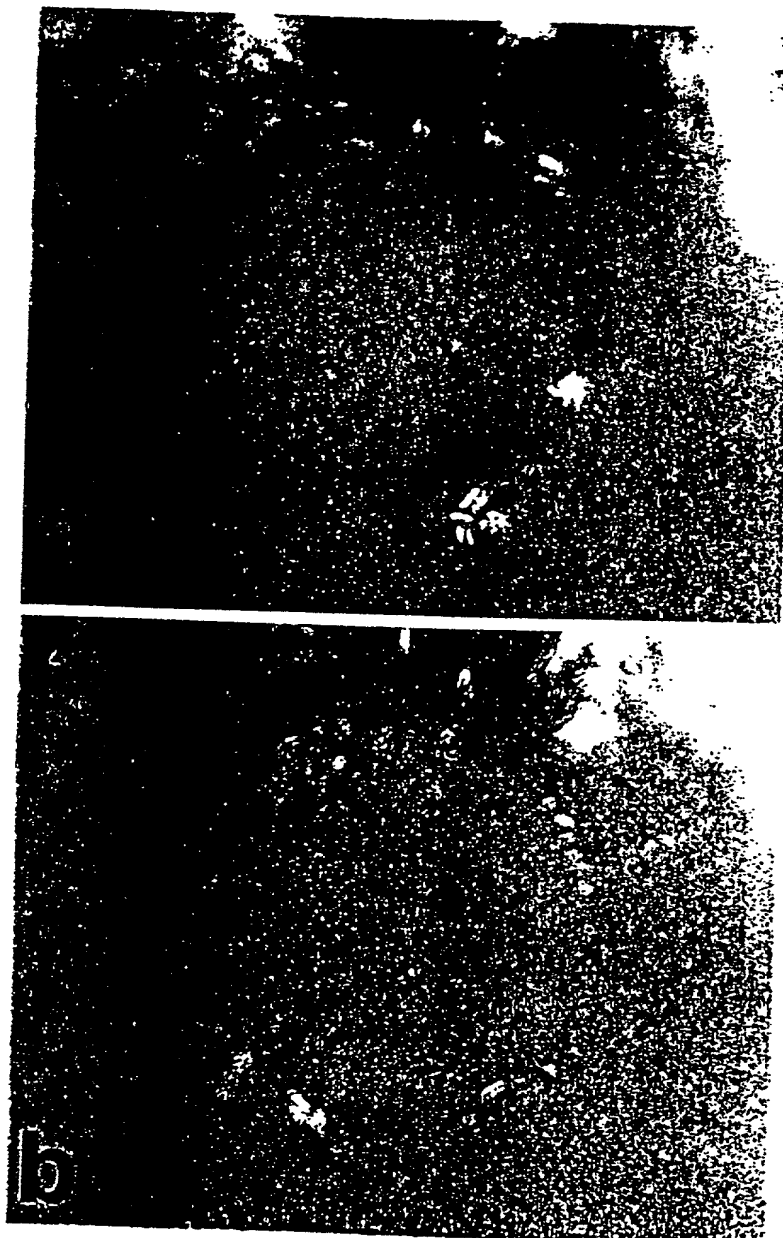


FOUO 0629200F

FIG.19D

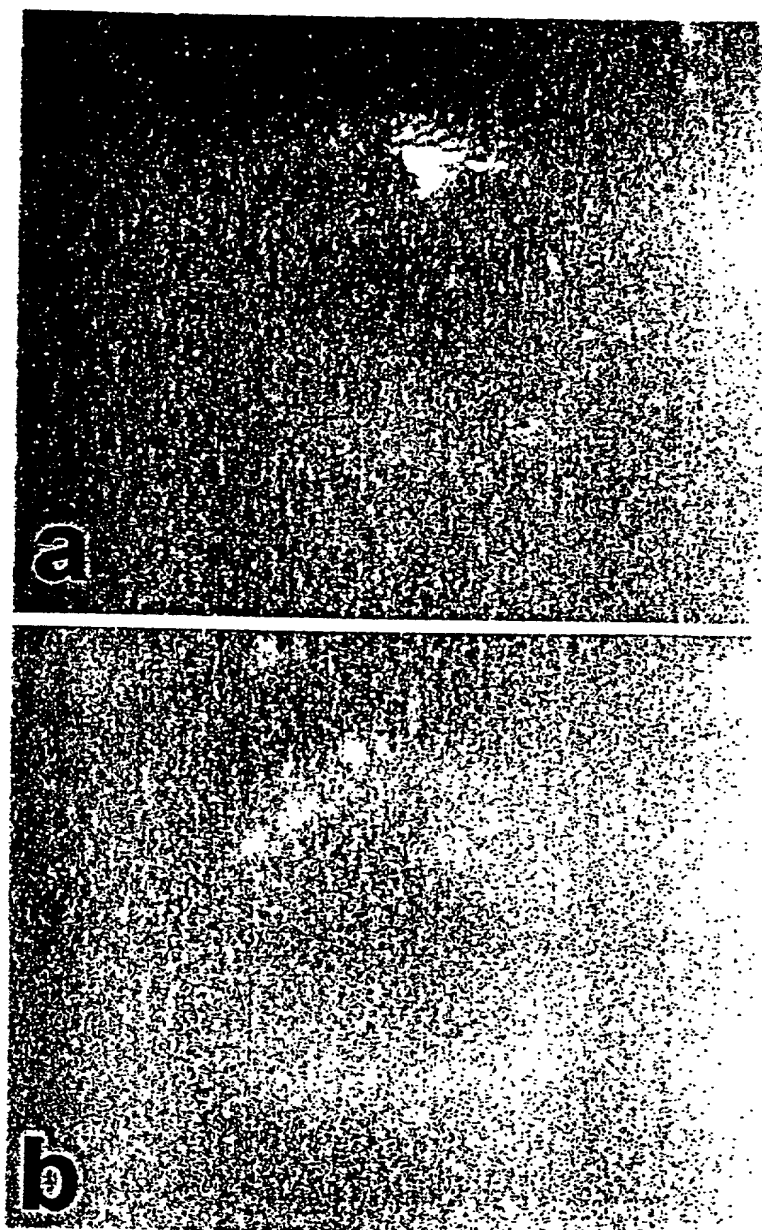


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*Fig. 20*

FOUO 0625200T



*Fig. 21*



10026290-122001

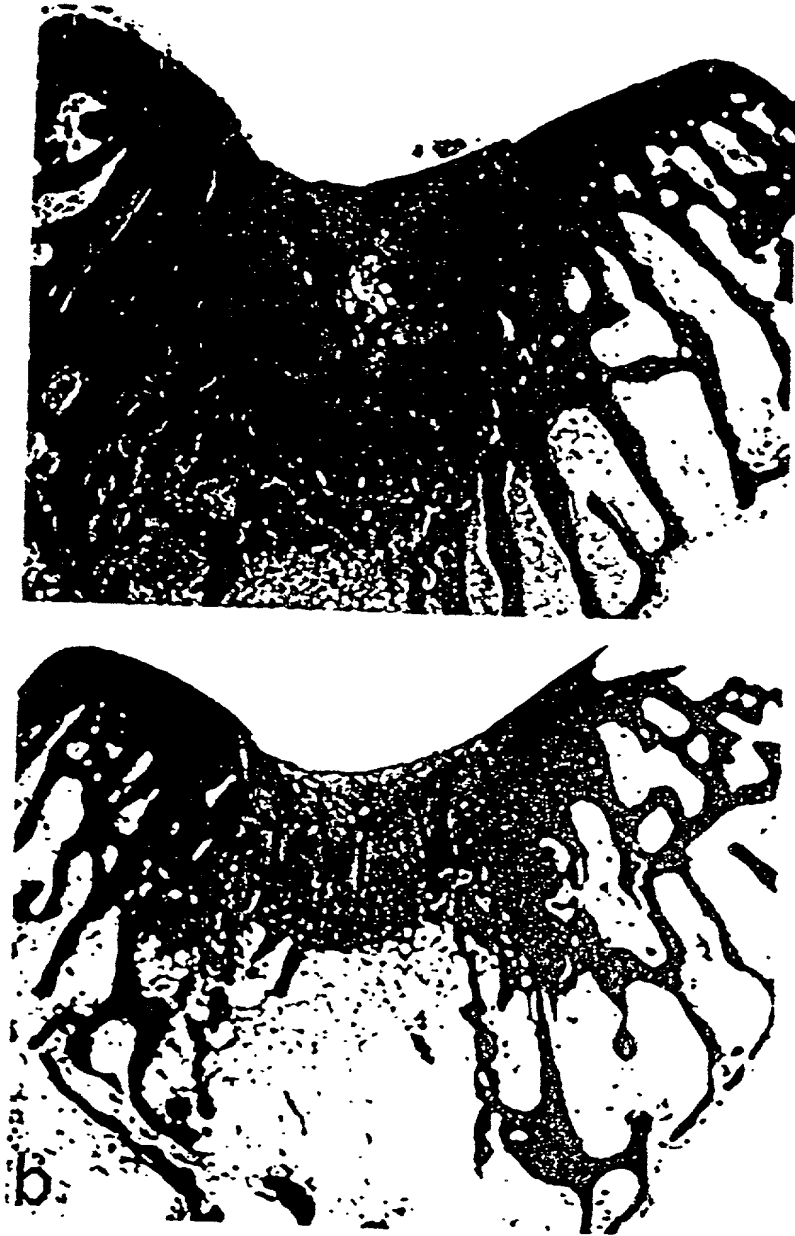


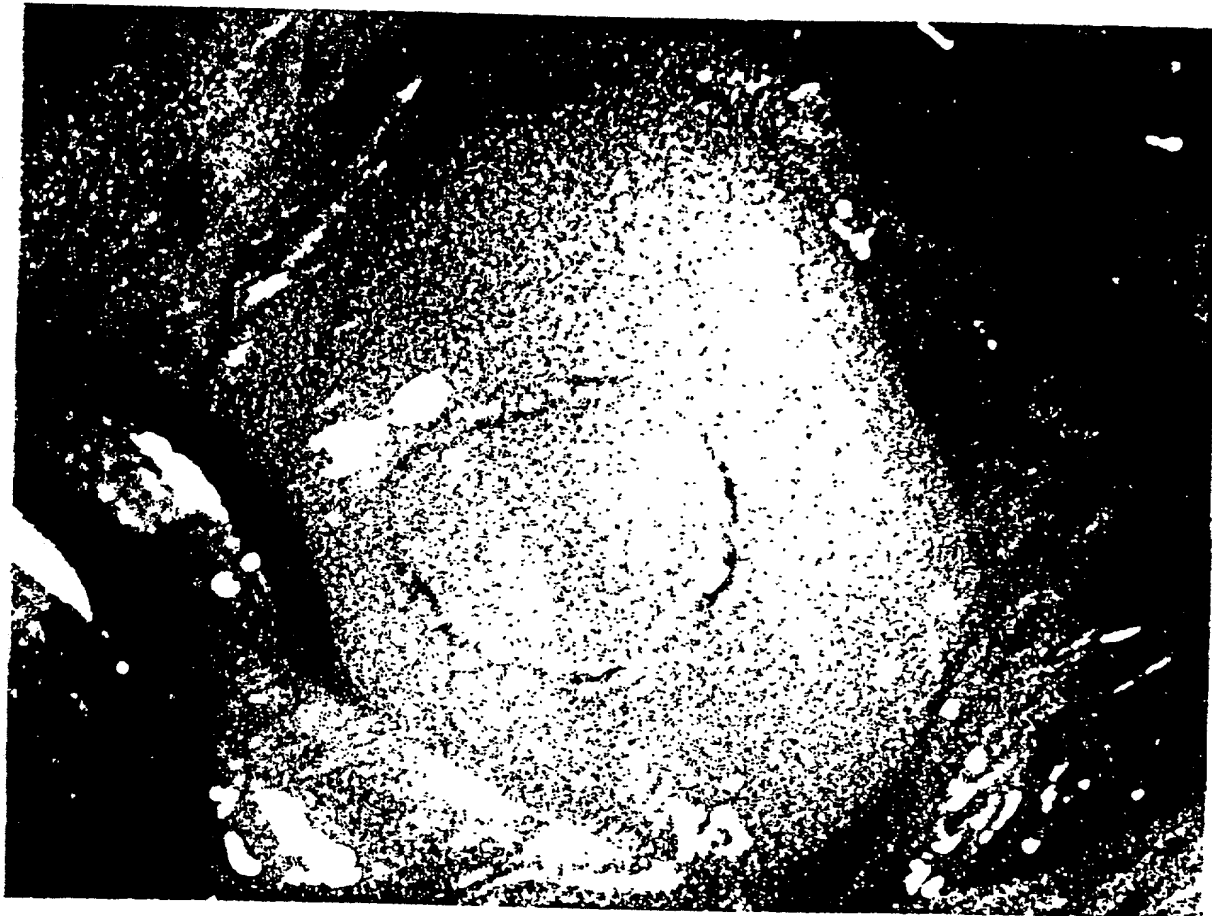
Fig. 22

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Fig. 23

10026200-122001



*Fig. 24*

10026290-122001

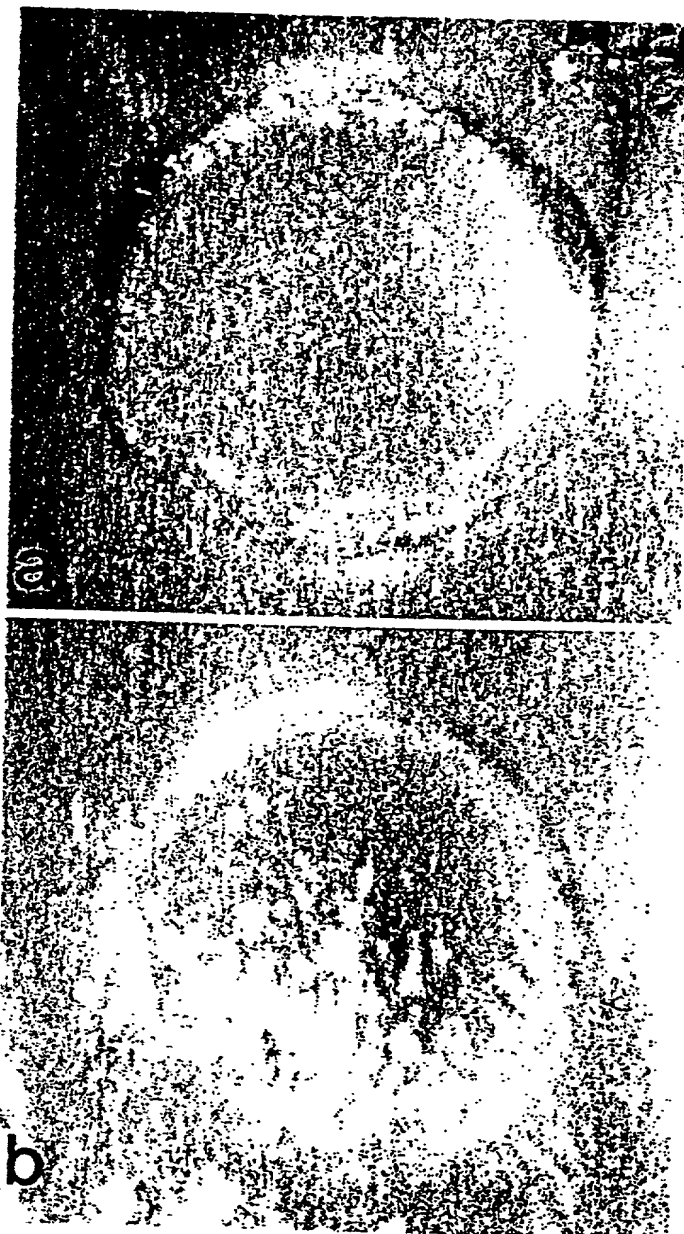


Fig. 25

10026290-122001

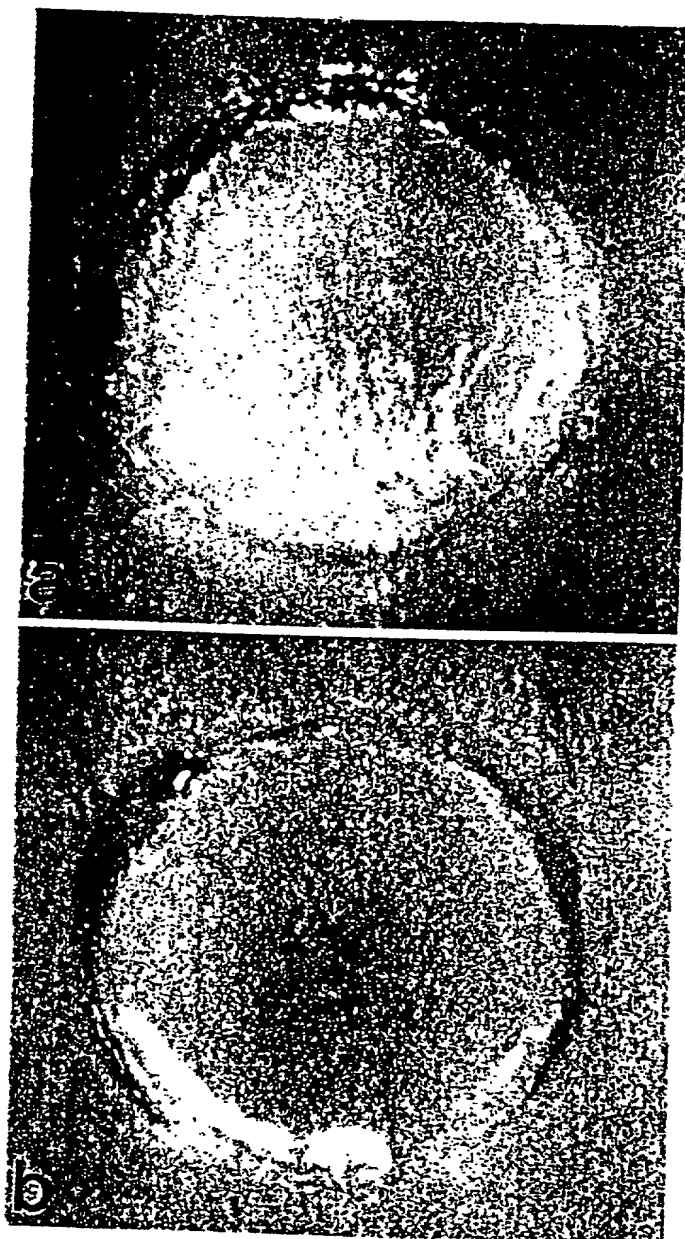


Fig. 26

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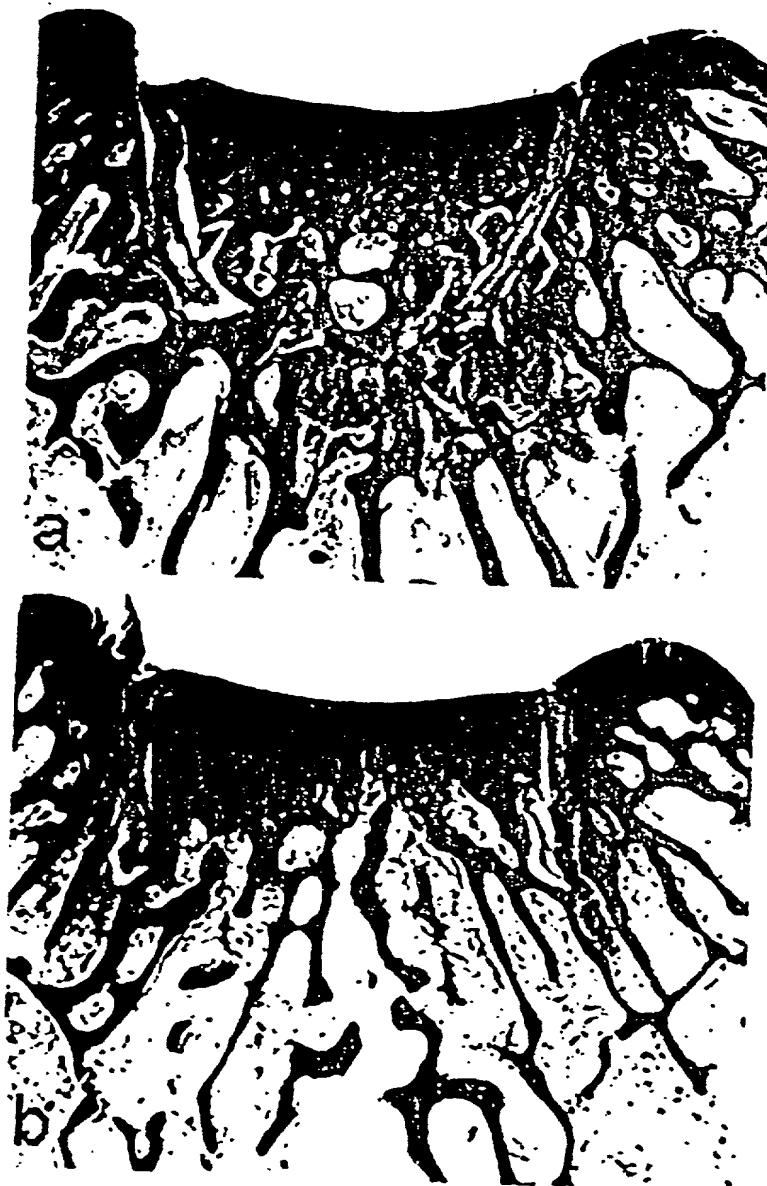
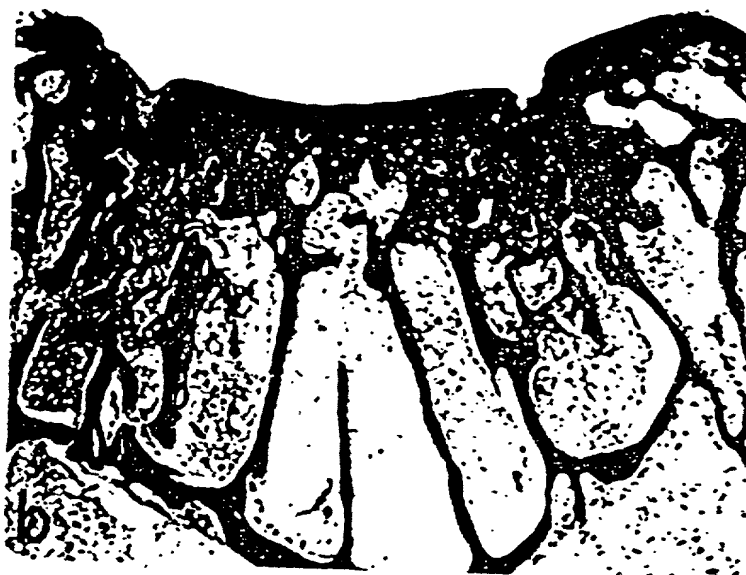


Fig. 27

10026290, 122001



*Fig. 28*